

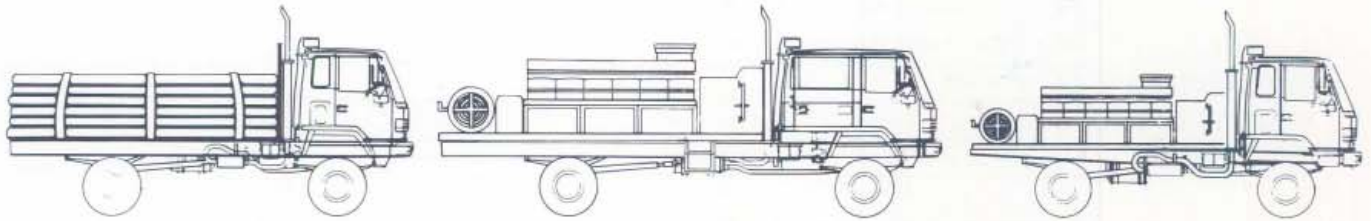
# ISUZU TRUCK SPECIFICATIONS

# 500-700

4 x 4 CAB/CHASSIS - CREW CAB

**MODEL:**  
 FSS 500 4 x 4  
 FTS 500 4 x 4  
 FTS 700 4 x 4  
 FTS 700 Crew

**ORDERING CODE:**  
 8EL02-821  
 8EW02-52S  
 8EW02-521  
 8EW03-521



## MODEL RANGE SUMMARY

	ENGINE	TRANSMISSION		AXLE FRONT (kg)			AXLE REAR (kg)		WHEELBASE (mm)		BRAKES
	ISUZU 6BG1 6.5l	ISUZU MBG5B 5 speed	ISUZU MLD6D 6 speed	3900 Capacity	4300 Capacity	4700 Capacity	6500 Capacity	9200 Capacity	3650	4200	Air Over Hydraulic
<b>FSS 500 4 x 4</b>	●	●		● 5.125			● 5.125		●		●
<b>FTS 500 4 x 4</b>	●		●		● 5.571		● 5.571			●	●
<b>FTS 700 4 x 4</b>	●		●			● 5.571		● 5.571		●	●
<b>FTS 700 CREW</b>	●		●			● 5.571		● 5.571		●	●

## RATINGS

	GVM (kg)	GCM (kg)	TYRES	ESTIMATED KERB MASS (kg) •			MAX GEARED SPEED (km/h)
				Front	Rear	Total	
<b>FSS 500 4 x 4</b>	10,000	14,000 off road 15,000 on road	8.25R 20-14ply	2,450	1,530	3,980	100.2
<b>FTS 500 4 x 4</b>	10,000	15,000	12.00R 20-18ply	2,850	1,750	4,600	106.2
<b>FTS 700 4 x 4</b>	12,500	15,000 off road 18,000 on road	9.00R 20-14ply	2,684	1,758	4,442	96.5
<b>FTS 700 CREW</b>	12,500			2,944	1,818	4,762	96.5

• Chassis and cab with oil, water and fuel tank containing 10 litres of fuel.

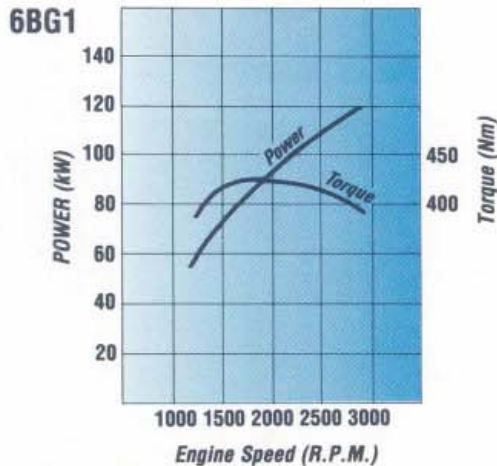


# MECHANICAL Cab/Chassis Components

		FSS 500 4 x 4	FTS 500 4 x 4	FTS 700 4 x 4	FTS 700 CREW
<b>AXLE FRONT</b>	Ring Gear 365mm diameter Spiral bevel	●	●	●	●
	Capacity: 3900 kg Ratio: 5.125 Split type	●			
	4300 kg Ratio: 5.571 Banjo type		●		
	4700 kg Ratio: 5.571 Banjo type			●	●
<b>AXLE REAR</b>	Type: Banjo, Fully Floating with no-spin differential.	●	●	●	●
	Capacity: 6500kg	●	●		
	Capacity: 9200kg			●	●
	Final Gear: 365mm diameter Hypoid Ratio: 5.125:1	●			
	Final Gear: 398mm diameter Hypoid Ratio: 5.571:1		●	●	●
	Exhaust brake	●	●	●	●
<b>BRAKE, AUXILIARY BRAKE, PARKING BRAKES, SERVICE</b>	Type: Spring park brake acting on rear wheels	●	●	●	●
	Type: Air over hydraulic, dual circuit, front two leading and rear dual two leading	●	●	●	●
	Brake drum dia: 400mm front, 410mm rear. Total lining area:	3790cm <sup>2</sup>	4210cm <sup>2</sup>	4210cm <sup>2</sup>	4210cm <sup>2</sup>
	Compressor: Gear driven at half engine speed, displacement 150 cc/rev.	●	●	●	●
<b>CABIN</b>	<b>EXTERIOR</b>				
	<ul style="list-style-type: none"> <li>■ All steel tilt cab, fully trimmed (except crew cab)</li> <li>■ Cation electro deposition primer</li> <li>■ Laminated windshield</li> <li>■ 2 speed wiper with intermittent function and washer</li> <li>■ West coast type exterior mirrors with width lamps</li> <li>■ Dual square Halogen headlamps</li> <li>■ Fog lamps</li> <li>■ Combination turn and park lamps</li> <li>■ Corrosion resistant cabin entry steps</li> <li>■ Vertical air intake stack</li> <li>■ Access to engine fluid checks without cab tilt operation (except crew)</li> </ul>	●	●	●	●
	■ Tool kit with 7000kg capacity jack	●			
	■ Tool kit with 10,000kg capacity jack		●	●	●
	■ Power cab tilt				●
	■ Tyre inflater	●	●	●	●
	<b>INTERIOR</b>				
	<ul style="list-style-type: none"> <li>■ Fully trimmed cabin interior including cloth seat facings (except crew cab)</li> <li>■ AM Radio</li> <li>■ Heater/Demister with 4 speed fan</li> <li>■ Driver and passenger sunvisors</li> <li>■ Side vent windows</li> <li>■ Formed roof lining (except crew cab)</li> <li>■ Overhead parcel shelf</li> <li>■ Tilt/telescopic steering column</li> <li>■ Optional airconditioning</li> </ul>	●	●	●	●
	<ul style="list-style-type: none"> <li>■ Isri 5000 driver's seat with mechanical suspension, adjustments for seat back recline, seat slide and height control. Outboard seats have lap/sash seat belts with emergency locking retractor. Centre seat with lap seat belt</li> </ul>	●	●	●	
	<ul style="list-style-type: none"> <li>■ Air suspension driver's seat and lap seat belts</li> <li>■ Rear - Four seater bench seat</li> <li>■ Vinyl trim in lieu of cloth (including roof lining)</li> </ul>				●
	<b>INSTRUMENTATION</b>				
	<ul style="list-style-type: none"> <li>■ Speedometer, with odometer</li> <li>■ Tachometer</li> <li>■ GAUGES - water temperature, fuel level and brake air pressure</li> </ul>	●	●	●	●
	<b>INDICATOR LAMPS</b>				
	Turning indicators, headlamp high beam, exhaust brake on and park brake engaged. Hazard warning, 4WD position.	●	●	●	●
	<b>WARNING LAMPS</b>				
	Oil pressure, brake air pressure, stop/tail lamp failure, brake fluid, clogged air filter, engine oil filter and low battery charge, brake system	●	●	●	●
	<b>SWITCHES</b>				
Left side combination switch for exhaust brake, wipers and washer. Hazard lamp switch. Fog lamp switch. Right combination switch for headlamps, turn signals and headlamp dip. Key operation for engine start and stop. Externally mounted switch for engine turnover with cab tilted (mounted on rear RH cab mount)	●	●	●	●	
<b>CLUTCH</b>	Type: Hydraulic control. Dry single plate with cushioning spring				
	Size: 350mm (14") diameter Lining Area: 1164cm <sup>2</sup> (both sides)	●	●	●	●
<b>ELECTRICAL SYSTEM</b>	<ul style="list-style-type: none"> <li>■ Batteries: 2 x 12V 55 A/H</li> <li>■ Alternator: 24V - 40A</li> </ul>	●	●	●	●
	<ul style="list-style-type: none"> <li>■ Starter: 24V - 4.5kW</li> <li>■ Glove compartment mounted fuse box</li> </ul>	●	●	●	●

		FSS 500 4 x 4	FTS 500 4 x 4	FTS 700 4 x 4	FTS 700 CREW	
<b>ENGINE</b>	<b>ISUZU 6BG1</b> Type: 6 Cylinder OHV diesel ■ Bore x Stroke (mm) 105 x 125 ■ Displacement 6494 (cc) ■ Compression ratio (:1) 17.0 ■ Output-Power (kW) 120 @ 2900rpm (DIN Nett) ■ Torque (Nm) 431 @ 1800rpm (DIN Nett)	●	●	●	●	
	<b>LUBRICATION</b> Pressure feed with full flow paper element filter, oil cooler ■ Capacity: 12.5 litres, including filters	●	●	●	●	
	<b>AIR CLEANER</b> 2 stage paper element, Donaldson 11". High vertical air intake stack	●	●	●	●	
	<b>EXHAUST SYSTEM</b> Type: Horizontal muffler, vertical outlet	●	●	●	●	
	<b>FUEL SYSTEM</b> Injection pump: In line plunger, Bosch "A" type with mechanical all speed governor ■ Filters: In line paper pre-fuel filter, water separator with drain cock ■ Fuel tank capacity: 200 litres (cylindrical) ■ Fuel tank capacity: 160 litres (cylindrical)	●	●	●	●	
	<b>FRAME</b>	Type: Parallel rail, ladder type channel section Frame material: High tensile steel HT55, weldable	●	●	●	●
		Side member dimensions 225 x 70 x 6mm Reinforcement at cab back 203 x 64 x 4.5mm 253 x 80 x 7.5mm Reinforcement at cab back 240 x 72.5 x 4.5mm	●	●	●	●
	<b>STEERING</b>	Type: Recirculating ball with integral power assist ■ Gear ratio: 16.1 - 18.8 variable	●	●	●	●
	<b>SUSPENSION</b>	<b>FRONT</b> Type: Semi-elliptical, alloy steel leaf spring Shock absorbers: Hydraulic, double acting, telescopic Size: l x w (mm): 1350 x 70 x 6 leaves 1470 x 80 x 8 leaves	●	●	●	●
		<b>REAR</b> Type: Semi-elliptical, alloy steel leaf spring Size: l x w (mm) Main: 1300 x 70 x 7 leaves Auxiliary: 850 x 70 x 7 leaves Main: 1420 x 80 x 7 leaves Auxiliary: 1000 x 80 x 9 leaves	●	●	●	●
<b>TRANSMISSIONS</b>		Type: 5 speed direct drive Model: Isuzu MBG5B Gear Ratios    1st    2nd    3rd    4th    5th    Rev 6.890  3.918  2.419  1.466  1.000  6.304 Transfer Case Ratio 1.00/2.091	●			
		Type: 6 speed direct drive Model: Isuzu MLD6D Gear Ratios    1st    2nd    3rd    4th    5th    6th    Rev 7.166  4.526  2.919  1.954  1.254  1.000  7.276 Transfer Case Ratio: 1.00/2.091		●	●	●
<b>TYRES</b>		Tyre Size 8.25R 20 - 14ply Michelin XZY	●			
	12.00R 20 - 18ply Dunlop PC 50		●			
	9.00R 20 - 14ply Dunlop GB127			●	●	
<b>WHEELS</b>	Wheel type and size: 6.50T x 20 8 stud	●				
	8.50V x 20 8 stud		●			
	7.00T x 20 8 stud			●	●	

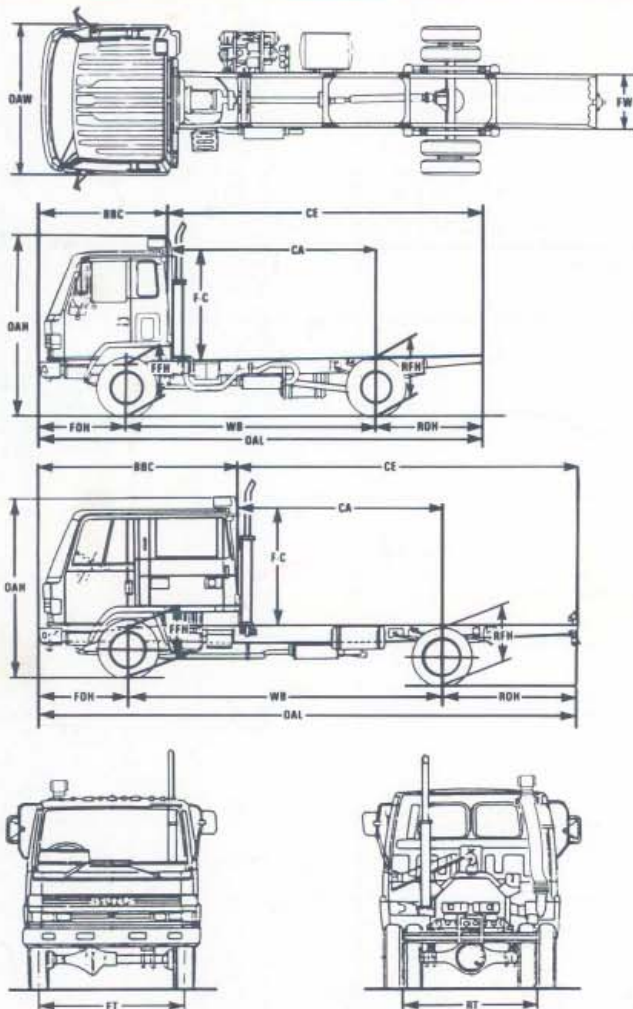
# ENGINE PERFORMANCE



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# DIMENSIONS



	FSS 500 4 x 4	FTS 500 4 x 4	FTS 700 4 x 4	FTS 700 CREW
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OAL (Overall length)	6420	7370	7370	7370
WB (Wheelbase)	3650	4200	4200	4200
CA (Cab to axle)*	3000	3550	3550	2795
CE (Cab to end of frame)*	4500	5450	5450	4695
ROH (Rear overhang)	1500	1900	1900	1900
FOH (Front overhang)	1270	1270	1270	1270
BBC (Bumper to back of cab)	1920	1920	1920	2675
OAW (Overall width)	2400	2400	2400	2400
FW (Frame width)	800	850	850	850
FT (Front track)	1750	1930	1930	1930
RT (Rear track)	1705	1930	1790	1790
FFH (Front frame height)	990	1135	1085	1085
RFH (Rear frame height)	1105	1205	1155	1155
FC (Frame to top of cab)	1610	1670	1670	1670
OAH (Overall height to top of air intake duct)	2770	3010	2960	2960
Turning Circle (m) kerb to kerb	16.6	19.0	18.0	18.0

\*CA and CE dimensions are effectively reduced by 245mm with fitment of vertical exhaust pipe.

### ISUZU-GENERAL MOTORS AUSTRALIA LTD. 12/50 WARRANTY.

Every Isuzu F Series is covered by the I-GM New Vehicle Warranty which covers your vehicle for the first 12 months or 50,000 kilometres.

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• Please note: These specifications apply to vehicles produced after June 1989.

